



TECHNICAL DATA SHEET

0377-TDS-ENG-2019

CERA ABEJAS BLANQUEADA en GOTAS PH.EUR		
DESCRIPTION DCI: BEESWAX, WHITE		DESCRIPTION DOE: CERA ALBA
CAS Nº: 8006-40-4	EC Nº: 616-889-9	AEMPS CODE: ---
MOL. WEIGHT: ---	MOL. FORMULA: ---	ARTICLE CODE: 0377

ATTRIBUTES	SHOULD BE
Appearance	White or yellowish-white pieces or plates, translucent when thin, with a fine-grained, matt and non-crystalline fracture; when warmed in the hand they become soft and malleable
Odour	It has an odour similar to that of yellow beeswax, though fainter and never rancid
Taste	It is tasteless and does not stick to the teeth
Solubility	Practically insoluble in water, partially soluble in hot ethanol (90 per cent V/V) and completely soluble in fatty and essential oils
Relative density	about 0.960 g/mL
Identification	Complies
Drop point	61 - 66 °C
Acid value	17.0 - 24.0 mg KOH/g
Ester value	70 - 80 mg KOH/g
Saponification value	87 - 104 mg KOH/g
Ceresina, parafina y otras ceras extrañas	Complies
Glicerol y otros polioles	= < 0.5 %

COMPLIES WITH

European Pharmacopoeia 9.0

STORAGE

Keep the container tightly. Store in a cool, dry and well-ventilated place.

REMARKS

Product only suitable for cosmetic and/or food use.

Properties and uses

It is a consistency agent for creams and ointments, and a W / O emulsion stabilizing agent, since it can incorporate water into its structure.

It is used to varnish dragees, and to adjust the melting point in the preparation of suppositories and lipsticks.

In the labial bars it gives strength but is not hard, so it does not modify the hardness of the bar and instead provides flexibility, in addition to maintaining cohesion between its components. However, it does not give them shine, and in excess it can make the bar brittle. When formulated together with sodium borate, it forms soaps (corresponding, for example, to the Cold Cream emulsifier).

In general on the skin has a protective, emollient, and anti-inflammatory action, calming the burning and itching produced by substances, and preventing the drying of the stratum corneum to form a more or less impermeable layer that slows down the evaporation of water, leaving the softer and more flexible skin

Dosage

In lipsticks, the most common is 5 - 15%.

Side effects

It is a non-toxic and non-irritating product, although cases of hypersensitivity have been described.



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Incompatibilities

Oxidizing substances

Formulation examples

Cerato de Galeno

White wax - **13 g**

Sweet almond oil - **53 g**

Sodium borate - **0.5 g**

Rose water c.s.p. - **100 g**

Ophthalmic ointment

White wax - **50 g**

Filament Vaseline - **900 g**

Modus operandi: Melt the two components together, shake well to homogenize, and allow to cool until the mixture solidifies.

Ichthyol lipstick

Ictiol - **2 g**

Lanolin - **4 g**

Vaseline - **2 g**

White wax - **5 g**

Decyl oleate (Cetiol V) - **1 g**